## UNIVERSITY OF LONDON



## POSTGRADUATE MEDICAL SCHOOL

Telegrams
POSGRADMED CHISK LONDON
Telephone
SHEpherds Bush 1260 (4 lines)

Department of Bacteriology.

DUCANE ROAD LONDON, W.I2 10th.July,1953.

My dear Lederberg,

When I met Dr.Scarr from your lab.at C.S.H. he told me that he did not think you had succeeded in reproducing my Hfr results with the Cavalli strain. I am therefore enclosing my spontaneously arising M- strain(which is S Az ) and also an S Lac+Mal+B, - Hfr prototroph derived from it. Using this latter, I found that when I selected for TL+ or Lac+, using W677.S F- as test strain on MA + B, + S, I got typical Hfr behaviour: but using 58-161.F- as tester(i.e.selecting for M+), or selecting for Mal+ on suitably supplemented media, the recombination rate was about the same as with a similar F+ control prototroph. It is nearly three months since I have used these strains and I do not know to what extent, if at all, they may have reverted to F+. I have not yet observed this reversion in my Hfr strains.

As regards my visit to Madison, this will not be on September 1. I will only be arriving at N.Y. on Aug. 29 and will have to acquire a car so I will probably not set out until Sept. 3-4. I hope to park my family with the Benzers at Lafayette and either drive to Madison or go by train. I will let you know later a closer date.

Yours sincerely,

Dr.J.Lederberg, Department of Genetics, University of Wisconsin, Madison, 6. Wisconsin, U.S.A.

P.S. The M-ift strain was derived from Spicero 58-101, converted to Ft.

As you know, this strain, which I sent to
Psicer when he was with you belowed like
Cavallio F"refractory" F-strain.

Bull Fayes